2015/12/3 Ald dealie as ope del de la listations dlig Barlig il et al in fin A - A : Sulling A is cillo fill al A'cie Ace is Josephill idel.

Y ach idalfible fible was;

zefible par cus yedalfible cach sul.

fixeb

fix = d(da) EB > y EFiB, A caulisfiB) wisi تم بن ليك مر له توف الماقة R ، I مثالي في A لحقة A cisco T of libition (cholosospelament) colorin la color de Sul 2 dII CAI yedr) => frel; y=dx retaile x=[ab] abeI y=[[ab] = [d(a)b]+[adb]

= -deldou) + deldou) delab - delab que, que A 3 x 2 3,2 4 96 R Stale De de La Sul Si [[[x,x,],x,]+[[[22,2],x,],2]] +[[[x3,24],2],2]+[[[24,23],2],2]=0 []:[[[xw2],x3],24] = + [24, [x3,[2021]] [2]:[[[2,2],24],24] = [x3,[24,[222]]] [3] [[22,24],21] = [22,[21,[21,24]] [[[24,2]2]]=[21,[21,[24,23]]] + [22,[x1,[23,x4]]] + [21,[x2,[4,3]]] = 0 151: [24. [23. [24.2]]] + [23. [[24.2].24]] + [[24,2], [24,2]] = 0 => [24.[23.[21.23] - - [23.[[11.22].24]]

الموضوع: [[xw][equal] (6) [22.[24.[24.4]]+[24,[CE224]22] +[[23,24],[22,21]]=0 16/22-(21-(21-24))] = - [24, [(22) 24]-[(23) 24] [(23) 24] [23, [24, [22,21]] + [23 [24, [21,21]] - [[21,227, [24,23]] + [21,622,624,23]] +[2,62,622,623,4]] [[25314]]= 0 wie Acid List i R Etablicase w in A Su فان المعون CACITI (aideA; [az]=0 VZ6J? (ACIJ Suo aj Zojoni) Acidho السوان: の多のキスロリ OGA; [0, Z]=0 YZGJ Va, BER; a, beZ(J) RayBb EZOI ?? YZEJ: [aa,pb,z] = [xa,Z]+[Bb,Z] = x [a,Z]+B(b,Z)=0 

الموضوع A Ciciologo ZiJ) &  $\forall a \in A: d_{\alpha}(z(J)) \subseteq z(J)$   $2 \in d_{\alpha}(z(J)) : z = d_{\alpha}(Y), y \in Z(J).$ [2,2]=[daiy,2] da[y,z]=[da(4),z]+[y,da(z,] [day, z] = da [y,z] - [y,daz]] y ( Z(J); [y,2]=0 da((y,2])=0 da RIEJ [y, d []] = 0 [x, z] = [d (y, z] = 0 VacA da(ZIT) = ZIJ

الحداء المال لحبور لن v v v v v v Ax Az= { (a,b); a ∈ A, b ∈ Az}

Ax Az= { (a,b); a ∈ A, b ∈ Az}

Y (anaz) (bub) ∈ Ax Az

Y (anaz) (bub) ∈ Ax Az - (a,-a2) + (b, b2) = (a,+b,a2+b2) · Y DEN ; Maraz) = ( Dar Jaz) [(a,a),(b,b2)] = [[a,b,] [a,b2]) 1 X Az a là 11 con pier a ip) 1 g ed 1 girlar Tuil.

1 (a. tap) [(a. tap)] = [(a. da] [(a. tap)] : de con la contraction de la contraction = (0.0) 2) [(a,az)+(b,bz), (d,dz)] = [(a+b), az+bz)(c,ez) =([a1+b,c],[a2+b2,c2])=(a1,c]+[b1,c],[a2,c2]+[6] = ([a,c],[a,c]+(b,c]) ا 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

Vach (and) chixA: x[xxy] = xaxy] = [xay] A[(ana), (bub)] = a((aub)] - [a2, b2]) = (a (a, b)], a (aubi) = ([aa,b,] [aa,b] = [[aa, xa], (b,b)] = [a(a,a),(b,b)]. (a,d2),(b,b2),(c,c2) 6A,xA,c, 2. [(a,a),[(b,b),(c,c)]+[(b,b),[(c,c),(a,a)]] + (c1, c2), [(a, a2), (b, b)]] = 0 ?? O[(a,a),([b,c],[b,c]) = ([a,b,c]],[az,[b,c]]) @[(b,b).[(a,c), a, a)] = [(b,b), ([a,a], [c,a])] - ([b,[c,a]],[b,,[c,a]]) 3) [(c, a). ([a, b,]. [az.b])]-([a, [a, b]), [c, [a, b] لعوجت أب المساداة.